

Figure 1
(Prior Art)

PIXEL 0	PIXEL 1	PIXEL 2	PIXEL 3	PIXEL 4	PIXEL 5
Y7-0	Y7-1	Y7-2	Y7-3	Y7-4	Y7-5
Y6-0	Y6-1	Y6-2	Y6-3	Y6-4	Y6-5
Y5-0	Y5-1	Y5-2	Y5-3	Y5-4	Y5-5
Y4-0	Y4-1	Y4-2	Y4-3	Y4-4	Y4-5
Y3-0	Y3-1	Y3-2	Y3-3	Y3-4	Y3-5
Y2-0	Y2-1	Y2-2	Y2-3	Y2-4	Y2-5
Y1-0	Y1-1	Y1-2	Y1-3	Y1-4	Y1-5
Y0-0	Y0-1	Y0-2	Y0-3	Y0-4	Y0-5
CB7-0	CB7-0	CB7-2	CB7-2	CB7-4	CB7-4
CB6-0	CB6-0	CB6-2	CB6-2	CB6-4	CB6-4
CB5-0	CB5-0	CB5-2	CB5-2	CB5-4	CB5-4
CB4-0	CB4-0	CB4-2	CB4-2	CB4-4	CB4-4
CB3-0	CB3-0	CB3-2	CB3-2	CB3-4	CB3-4
CB2-0	CB2-0	CB2-2	CB2-2	CB2-4	CB2-4
CB1-0	CB1-0	CB1-2	CB1-2	CB1-4	CB1-4
CB0-0	CB0-0	CB0-2	CB0-2	CB0-4	CB0-4

Figure 2
(Prior Art)

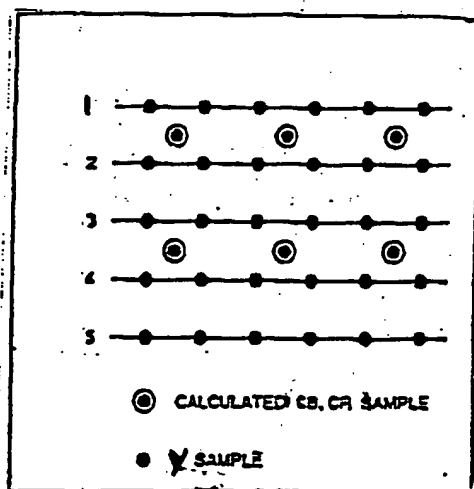


Figure 3
(Prior Art)

START

PERFORM FORMAT
CONVERSION FROM
4:2:2 TO 4:2:0 MODE,
IF NEEDED

DETERMINE PARAMETER
VALUES, SUCH AS Y_{th} ,
MAXIMUM LENGTH,
TRANSFER FIELD SIZE

ENTER NEXT PIXEL
VALUE & INCREMENT A
LENGTH COUNTER

CALCULATE $|Y_i - Y_{th}|$

$|Y_i - Y_{th}| > Y_{th}$

YES

PERFORM Y DOMAIN
COMPRESSION

NO

PERFORM ARRANGING
IN C_r/C_b DOMAIN

A

FIGURE 4A

05042124:031398

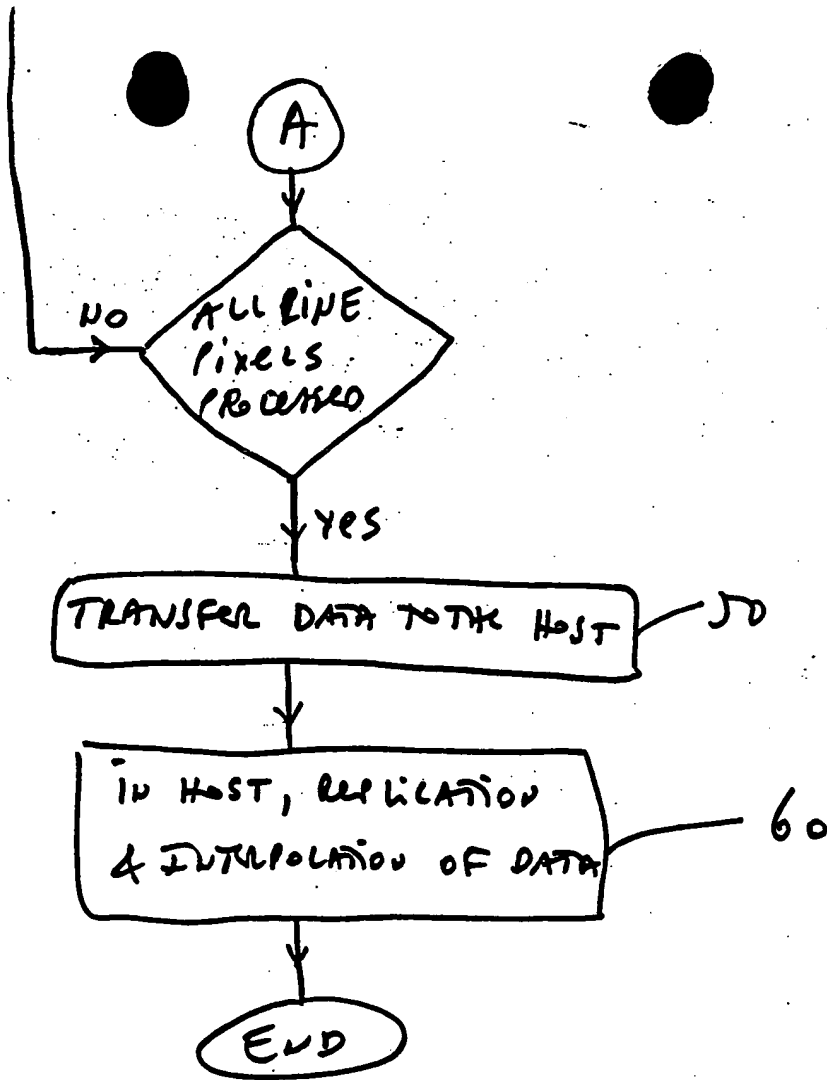


Figure 4B

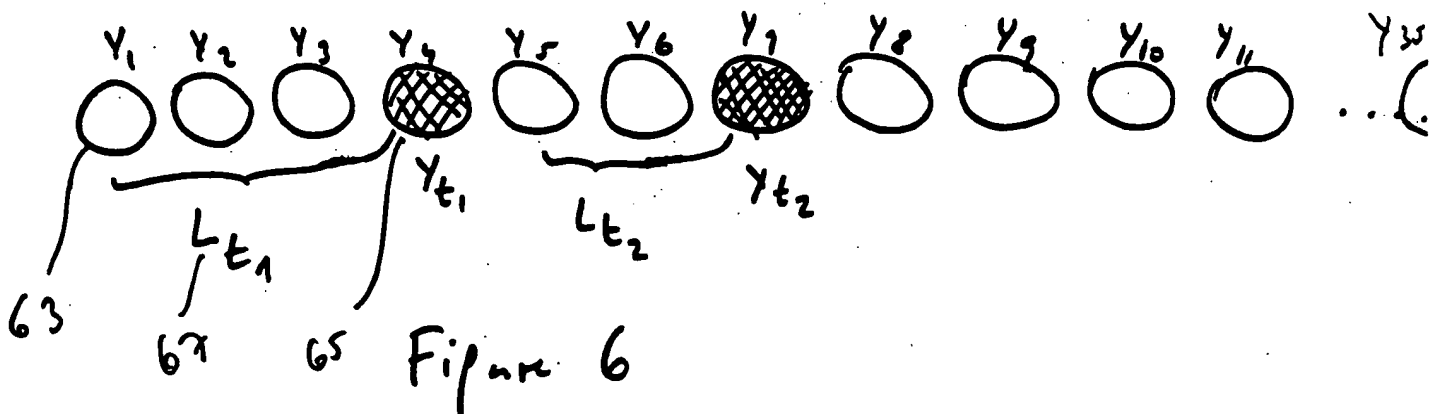


Figure 6

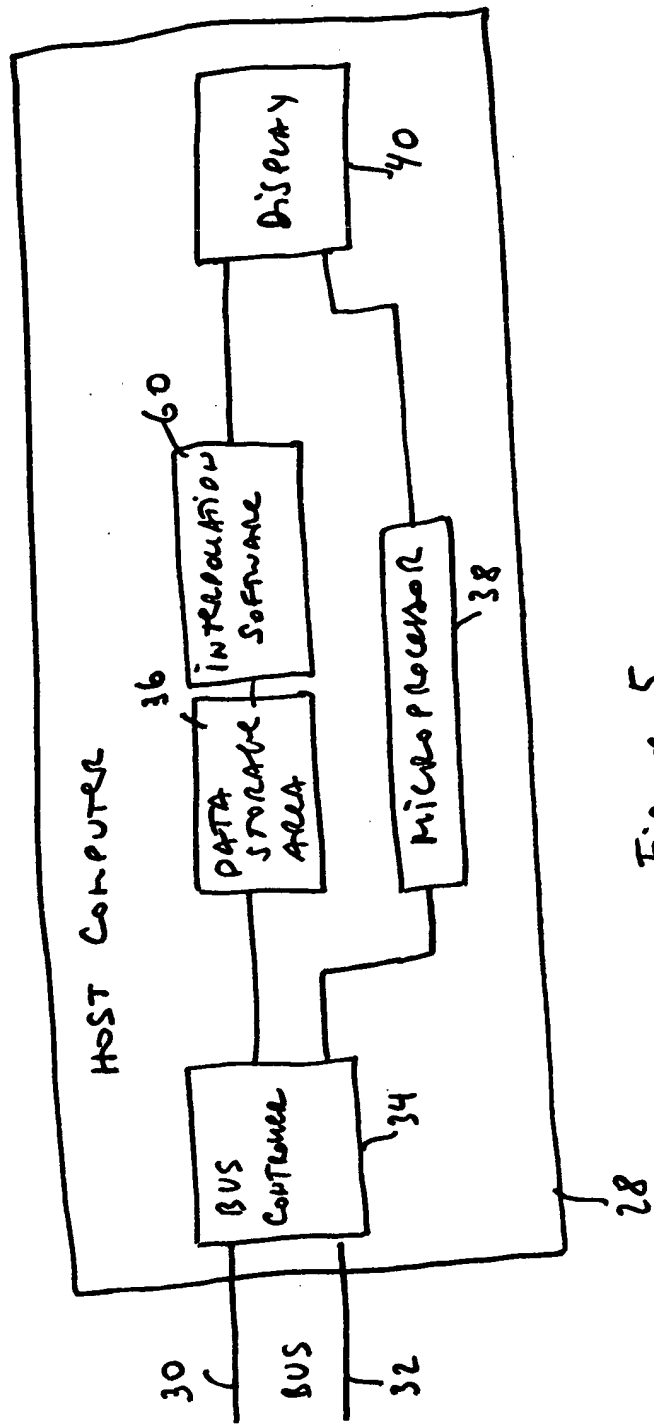
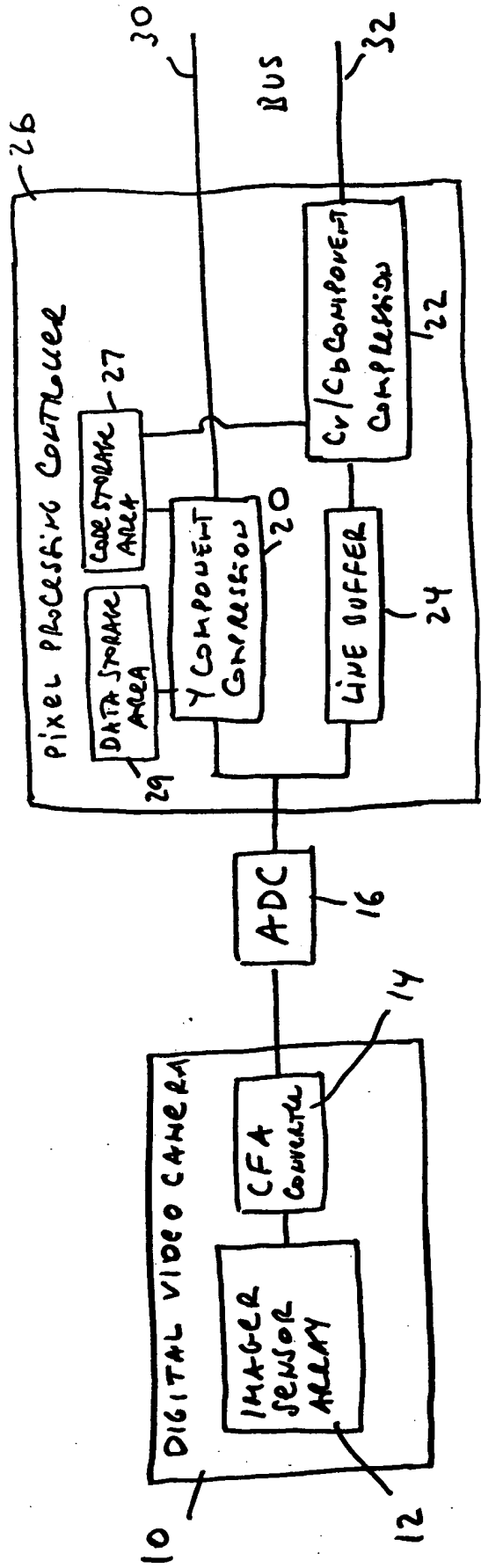


Figure 5

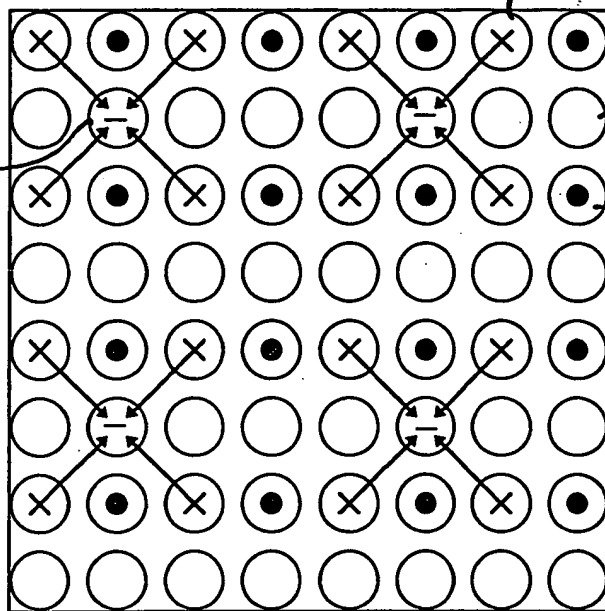


Figure 7

86E TEO 42T24050

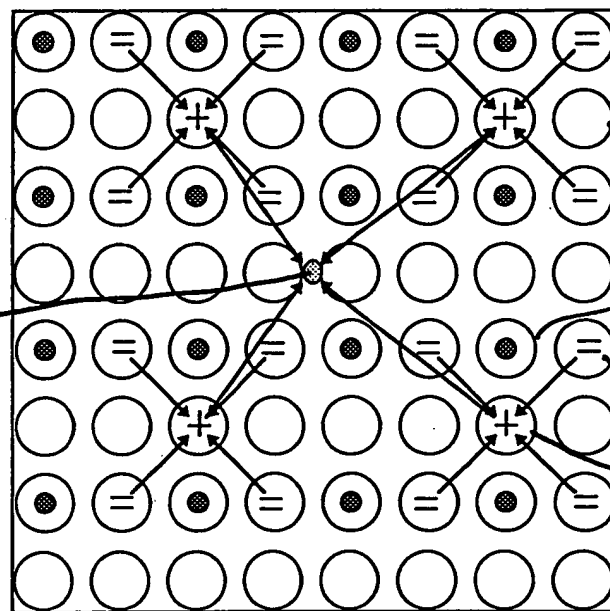


FIGURE 8

09042124-031398